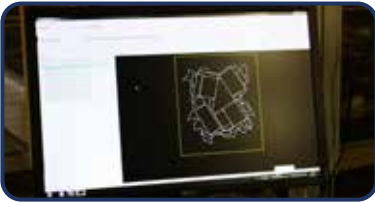


NESTING & CUTTING



1. PRODUCTION PLAN

Styles and patterns import and conversion, production quantity management, work distribution to one or several cutting stations



2. LEATHER SCANNING BY MEANS OF OPTICAL DEVICES

Automatic detection of the leather contour, determination of quality zones on five levels with the aid of video projection, bar-code label printing, leather purchase report



3 . INTELLIGENT ORDER MANAGEMENT

Optimum matching of individual orders, article-based management

4. AUTOMATIC NESTING

Automatic and interactive nesting directly on the leather, automatic quality zone matching, wireless mouse and keyboard that are easy to use, multi-hide nesting



5. CUTTING

Automatic cutting and marking using a variety of tools: oscillating knife, round knife, punch with different diameters, drills, pens



6. COLLECTING

Interactive and swift part collecting procedure after cutting, using video projection, different collecting methods depending on the type of production

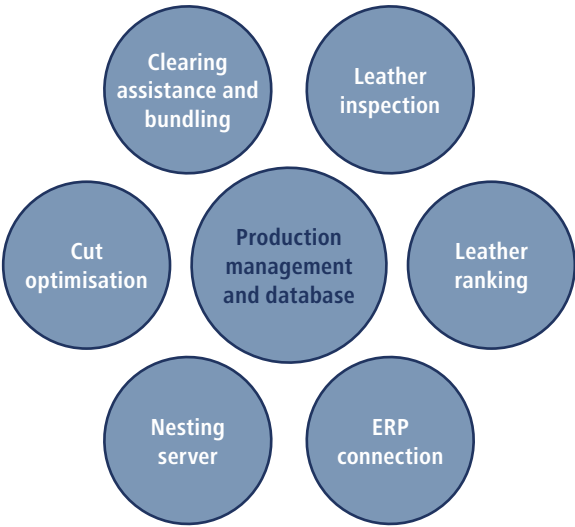
7. REPORTS

Comprehensive reports on leather stock, cutting efficiency, consumption, mini-markers, production quantity reports



The modular structure of the Kuris leather software enables variable system configurations so that adaptation to production variants is possible. For a small leather studio but also for large-scale production with thousands of hides a day.

Both an inline process and an offline process can be configured. A saving on material, efficient use of capacities, transparency in the processes and the capture of the production data form the key pillars of the system.



TECHNICAL DATA (CUTTY 3527):

Max. cutting height: 40 mm (depending on tool)
Max. cutting speed: 90 m/min
Max. positioning speed: 120 m/min
Max. acceleration: 7 m/s²
Nominal working widths (Y): 1.75 m / 2.15 m / 2.75 m / 3.05 m
Table widths: 2.10 m / 2.50 m / 3.20 m / 3.50 m
Nominal working lengths (X): 2.30 m / 3.50 m
Total lengths: 3.80 m / 5.00 m
Weight of the cutter: 1950 kg / 2300 kg / 3800 kg
Working height: from 0.85 m

Operating voltage: 400 V, 50/60 Hz
Connected electrical load
Control / drives: 4 kW
Vacuum unit: 7.5 kW / 11 kW
Average consumption: 8 kW
Fuse: 35 A (5x6mm²)
Protection class: Class 1
Compressed air (5-6 bar): 10 l/min

- Options:**
- Drawing device,
 - Drilling device,
 - Milling device,
 - Drag knife,
 - Driven round knife,
 - Oscillating knife,
 - POT knifer,
 - Printhead



Noise level: 57 - 74 dB(A)
Mark of conformity: CE

Optionally with double bridge:
Two bridges for independent cutting with two cutting heads in one cut pattern. Cutting time saving: up to 40%



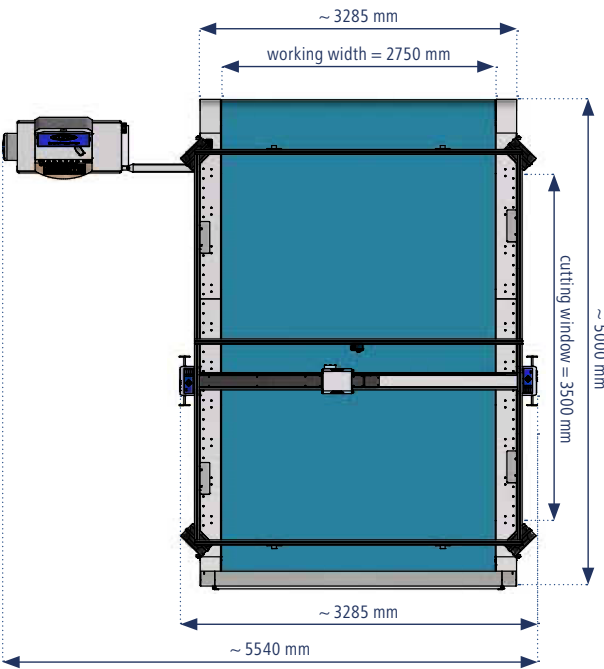
LEATHER



» Professional solutions for the complete production process



Layout example Cutty 3527 – other layouts on request



The comprehensive product range also allows solutions tailored to your particular needs. In our showroom, spreading and cutting machines are available both for general demonstrations and for testing with your own materials.

Arrange an appointment with us.
We will be delighted to advise you!

Kuris Spezialmaschinen GmbH
Degginger Straße 6
D-73326 Deggingen - Reichenbach
Fon: +49 (0) 73 34 - 9 24 80 - 0
Fax: +49 (0) 73 34 - 9 24 80 - 69
E-Mail: info@kuris.de

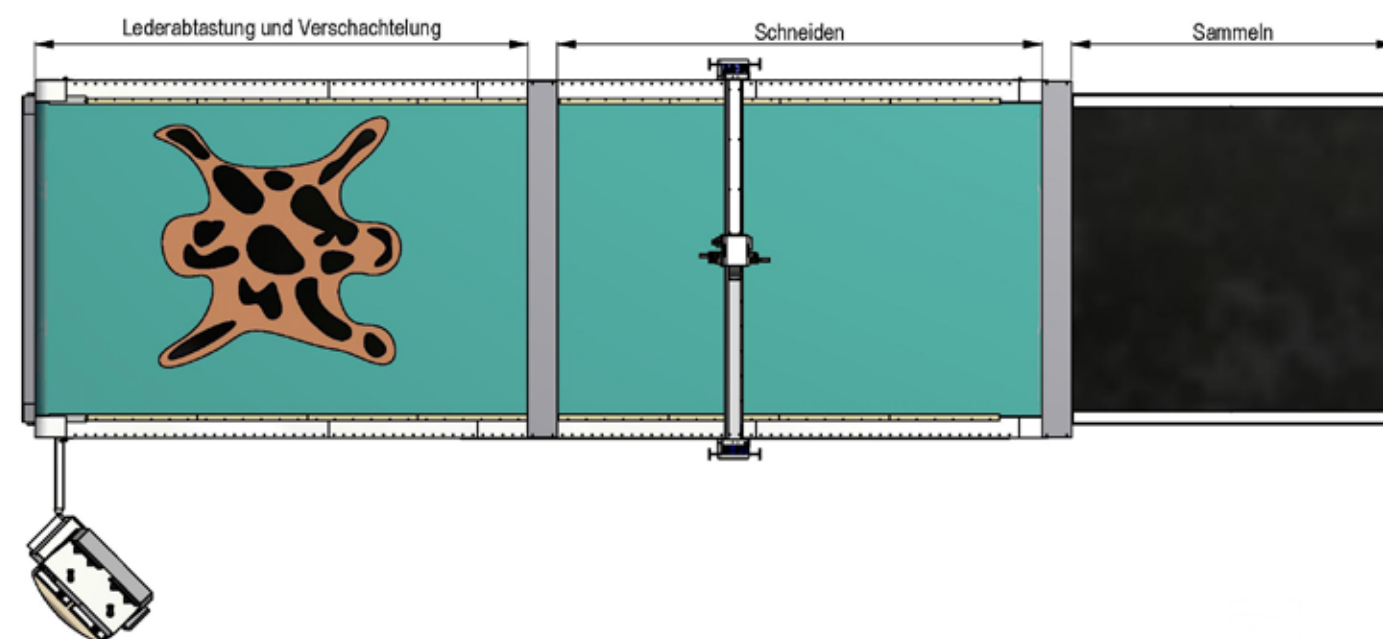
Technical changes maybe possible.



IN-LINE SOLUTIONS



Optical devices such as a camera and projectors are used for recording and visualisation. The OT1 tool is a cutting tool which is perfectly customised for leather. The integrated cleaning brush guarantees a reliable process for the optical devices. The lifespan of the cutting underlay is also extended significantly.



1 ZONE (COMPACT SOLUTION)

Compact configuration offering all features of a large system: leather scanning, automatic nesting, collecting and reports. All these operations are performed directly on the cutter table, in a very fast and efficient process.

2 / 3 ZONEN (SERIES PRODUCTION)

To increase the productivity, the system is expanded to include two more zones: 1. Leather scanning and nesting, 2. Cutting, 3. Collecting — These three steps are performed directly on the machine: a conveyor belt moves the leather from one stage to the next, in a continuous and economic workflow.

OFF-LINE SOLUTIONS

SCANNING



MARKING



NESTING



INLAYING



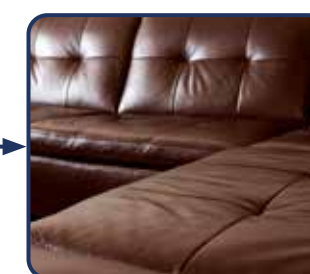
POSITIONING ON CUTTER



CUTTING



SORTING & ASSIGNING

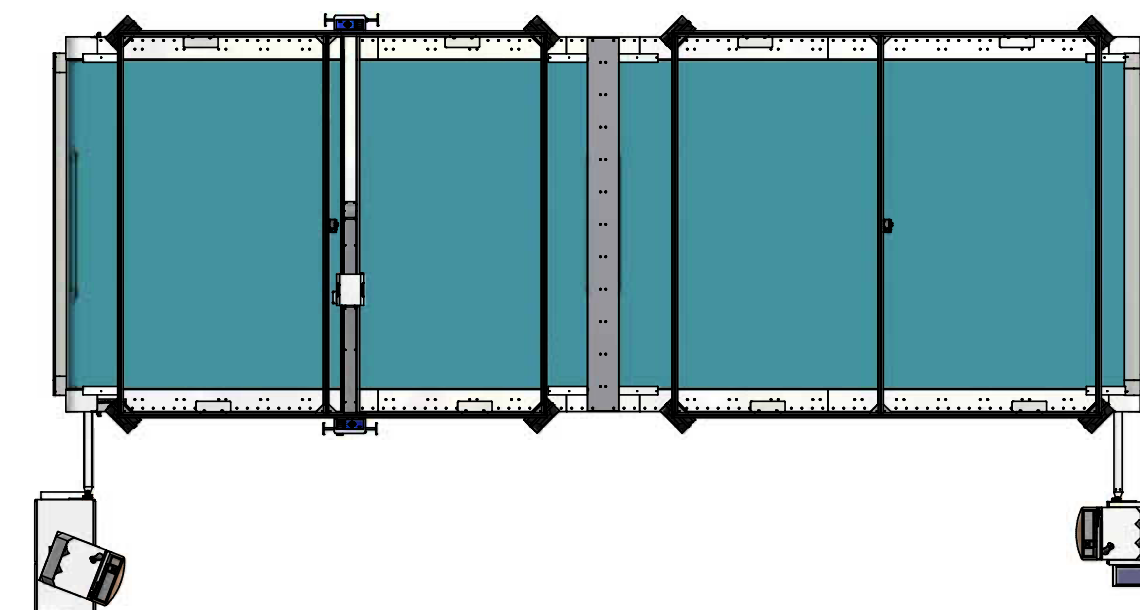
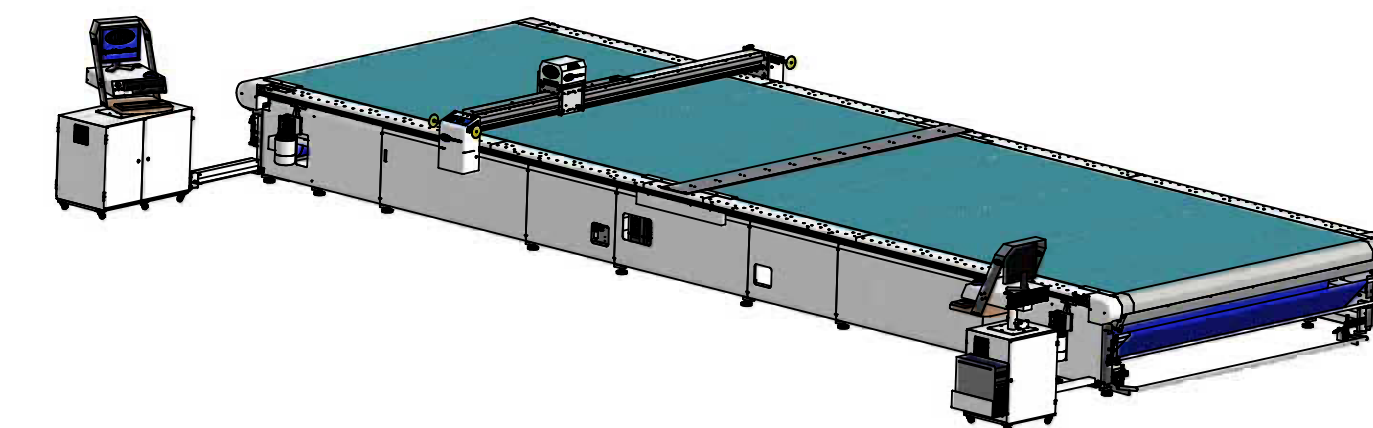


Scanning station

The patented scanning station of Kuris combines innovation, ergonomics and efficiency. The use of a smart pen and an interactive workspace opens up possibilities for perfecting value-adding workflows. The digital data records enable new dimensions when it comes to order creation, diagnosis and economic efficiency.



OPTIMUM EXPANSION OF THE OFF-LINE SOLUTION



LEATHER PROCESSING WITH KURIS

Compared with other industries and materials, leather cutting requires maximum attention and increased effort. This is why, in the leather industry in particular, the desire for a high degree of automation has always been present. We have set about doing this and have studied the entire production process in great depth. Our solutions have enabled us to really stand out in the leather market. Efficient and at a high level, topics such as smart order management, leather administration, leather scanning, powerful nesting and precise cutting are addressed.